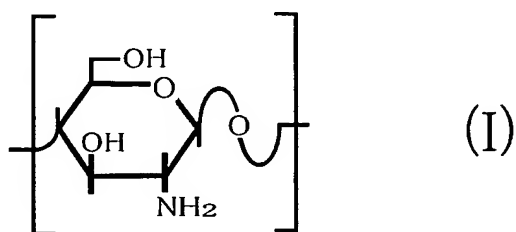


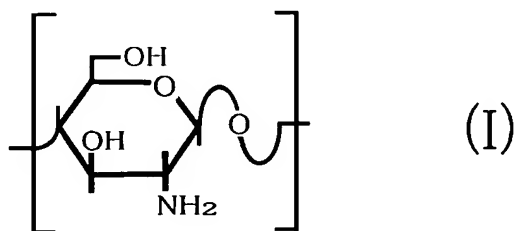
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CLAIMS

1. A liquid composition for bulging mucous membrane in endoscopic surgery comprising a chitosan derivative containing carbohydrate chains.
2. A composition according to Claim 1, characterized in that it comprises 0.5 to 8.0% by weight of the chitosan derivative containing carbohydrate chains.
3. A composition according to Claim 1, characterized in that the chitosan derivative containing carbohydrate chains is a polymer formed from a chitin/chitosan comprising glucosamin units represented by the following formula (I):



by incorporating a carbohydrate chain having a reducing terminal to at least a part of the 2-position amino groups in the glucosamin units of the chitin/chitosan.

4. A composition according to Claim 1, characterized in that the chitosan derivative containing carbohydrate chains is a polymer formed from a chitin/chitosan comprising glucosamin units represented by the following formula (I):



by incorporating a carbohydrate chain having a reducing terminal to at least one part of the 2-position amino groups in the glucosamin units of the chitin/chitosan, and incorporating a photoreactive group to at least another part of the 2-position amino

groups of the glucosamin units of the chitin/chitosan.

5. A composition according to Claim 3 or 4, characterized in that the carbohydrate chain is derived from pentaoses or hexaoses such as glucose, fructose, galactose, fucose, mannose, arabinose, xylose, erythrose, hepturose and hexylose; amino carbohydrates such as glucosamin, N-acetylglucosamin and galacsamin; carbohydrate derivatives such as uronic acids and deoxysaccharides; di- and trisaccharides such as maltose, isomaltose, lactose, melibiose and maltotriose.
6. A Composition according to Claim 4, characterized in that the photo-reactive group is selected from the group consisting of a carbonylazide group, sulfonylazide group, aromatic azide group, and formyl styryl group
7. A composition according to Claim 1, characterized in that the chitosan derivative further contains an amphipathic group.
8. A composition according to any one of Claims 1 to 7, characterized in that it is sterilized with an autoclave.
9. An endoscopic system comprising a device for injecting the composition of any one of Claims 1 to 8 into a targeted portion.
10. An endoscopic system according to Claim 9, further comprising a device for irradiating light to the injected composition.